

Nitin Kumar Yadav

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Professional Summary

Senior Developer with 4.5 years of experience in designing and deploying scalable microservices for BFSI Clients. Proficient in Java, Spring, Kafka, and Docker with a strong background in event-driven architecture and cloud-native solutions. Looking for a Opportunity where I can deepen my backend expertise, contribute to a high-performing engineering team.

Technical Skills

- **Programming:** Java, Vert.X, **Reactive and Event-Driven Programming**, OOPs
- **Java:** Java-8 & Java-11, Collections, Streams API, Multithreading, Serialization/Deserialization
- **Spring:** MVC, **Web-Flux**, Data JPA, JDBC, Basics on - Spring Security and Spring Cloud
- **CI/CD DevOps Tools:** GitHub, Jenkins, Jira, Confluence, Postman, **Docker**, **Kubernetes** Consul
- **Other:** **Apache Kafka**, Azure Cloud, Agile (Scrum), SOLID, Design Patterns, Microservices, Debugging, Encryption Technique - *JWT*
- **Operating Systems:** MacOS & Windows OS **IDEs:** IntelliJ Idea 2025 Ultimate, VS Code, Eclipse, Spring STS

Experience

Systems Engineer, Tata Consultancy Services – Noida

Nov 2022 – Present

- Working as a Java Developer for client American Express in the Tokenization Team; contributed to 10+ feature developments and enhancements.
- Built 4+ event-driven features using Vert.X and Kafka, deployed via cloud containers with XLRelease.
- Delivered 10+ features end-to-end: from requirement analysis, development, unit testing, to cloud deployment using Digital.ai XLRelease; collaborated closely with Testing and DevOps teams.
- Proposed and implemented design solutions in Vert.X, Kafka, and Java CompletableFuture; successfully got approvals from SMEs and tech leads; wrote 50+ JUnit test cases and ensured production deployment.
- Contributed in an Agile environment, adapting to rapid requirement changes and sprint goals.
- Created 4+ reusable utilities as external libraries, integrating JWT, AWS SQS, and REST API calls.
- Merged 15+ Pull Requests (primarily end-to-end features and core application enhancements).

Senior Software Engineer, Capgemini – Pune

Oct 2020 – Sept 2022

- Executed Java-based validation scripts, implemented complex data validations using Regex and Java Collections.
- Led the migration of integrations from a legacy Java codebase to a modern SaaS environment, achieving a 40
- Improved software quality by introducing effective unit testing and writing JUnit test cases, resulting in fewer bugs in production.
- Documented APIs using Swagger-UI and ReadMe, which significantly enhanced collaboration between Developers, QA, and DevOps teams.

Education

ABES Engineering College, Ghaziabad, B.Tech in Electronics and Communications Engineering (First Division)

Aug 2016 – Sept 2020

Courses

J2EE Intern (Bootcamp) Java Full Stack Developer Training

Jan 2020- May 2020

- Worked on projects based on Java8, Spring Boot, Oracle DB and Angular6.
- Designed and developed the 8+ REST APIs using Java 8, Spring Boot also including SLF4J logger and Swagger
- Wrote Junit Test Cases and used Selenium for Testing APIs, Jenkins and GitHub for CI/CD.
- Tech: API Development, Java8, Spring Boot, Microservices, Angular6, Swagger API, SLF4J Logging, HTML, JavaScript

Project Highlights

Zomato Realtime Order Processing

github.com/nky1047/Zomato_Demo

- Built a high-concurrency order system demonstrating parallel processing with Kafka & Redis.
- Tools Used: Java 11, Apache Kafka, Redis, Spring Boot, Docker, MongoDB

Airlines Management System

github.com/nky1047/fms-airport-ms

- Developed REST APIs to Handle Airline Tickets, Passangers, Booking and Reservation APIs alongwith FrontEnd.
- Tools Used: Java 8, Angular 6, Sprint JPA, Spring Boot, Oracle DB

HealthCare Management System

github.com/nky1047/HealthCareSystem_N

- Developed REST Apis to handle CRUD Operations for Patient's Record, Diagnostic's Records and Admin Management
- Tools Used: Java 8, Angular 6, Hibernate, Spring Boot, MySQL DB

Certificates & achievements :

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| • Atlassian Agile Project Management Professional Certificate - LinkedIn | Link |
| • CI/CD with Jenkins using Pipelines and Docker - Udemy | Link |
| • Introduction to Cloud Computing on AWS 2024 - Udemy | Link |
| • Ansible for Beginner - HandsOn - DevOps - Udemy | Link |
| • CyberSecurity for IT Professionals - LinkedIn & CompTia | Link |

Interests

System Design, Creating Gliffy Diagram & Brainstorming.

Kafka, VertX, Docker and Deployment over Cloud Based Container-Orchestration Platform

Working in an Agile based Environment